

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An electronic component mounting method in which joints between a circuit substrate and electronic components are reinforced using a resin, the method comprising:

supplying an unhardened reinforcing resin on the circuit substrate;

supplying a solder paste on the reinforcing resin such that the reinforcing resin is disposed between the solder paste and bond areas of the circuit substrate ~~on bond areas of the circuit substrate on which electrodes of the electronic components are to be bonded;~~

placing the electronic components on the circuit substrate; and

heating ~~and then cooling the circuit substrate with the reinforcing resin, the solder paste, and the electronic components carried thereon~~ the reinforcing resin and the solder paste,

wherein the solder paste flows through the reinforcing resin and contacts the bond areas of the circuit substrate to interconnect the circuit substrate and the electronic components in response to heating of the reinforcing resin.

2. (Currently Amended) The electronic component mounting method according to claim 1, comprising:

~~supplying a sheet-form resin on the circuit substrate;~~

~~supplying the solder paste on the sheet-form resin;~~

~~placing the electronic components;~~
~~heating to reflow the solder paste and then cooling; and~~
~~solder bonding the electronic components on the circuit substrate and hardening the~~
~~sheet-form resin, the steps being performed in this order~~

wherein the reinforcing resin is a sheet-form resin, and the method further comprises
cooling the reinforcing resin and the solder paste, thereby solder-bonding the electronic
components on the circuit substrate and hardening the resin.

3. (Previously Presented) The electronic component mounting method according to claim 2,
wherein the sheet-form resin includes equally spaced apertures.

4. (Currently Amended) The electronic component mounting method according to claim 2,
wherein the sheet-form resin includes recesses at positions that match the electrode bond areas
on the circuit substrate.

5. (Currently Amended) The electronic component mounting method according to claim 2,
wherein the sheet-form resin includes holes at positions that match the electrode bond areas on
the circuit substrate.

6. (Currently Amended) An electronic component mounting method in which joints
between a circuit substrate and electronic components are reinforced using a resin, the method
comprising:

~~The electronic component mounting method according to claim 1, comprising:~~

printing ~~the~~ a solder paste on ~~the specified~~ bond areas of the circuit substrate where ~~the~~ electrodes of the electronic components are to be bonded; then

restricting fluidity of the solder paste so that the solder paste retains its shape as printed;
then

applying ~~the~~ a thermosettable reinforcing resin on the circuit substrate including the solder paste; then

placing the electronic components on the circuit substrate; and then

solder-bonding the electronic components on the circuit substrate and hardening the reinforcing resin[[,]] ~~the steps being performed in this order.~~

7. (Previously Presented) The electronic component mounting method according to claim 6, while restricting fluidity of the solder paste, the fluidity is controlled such that the solder paste retains its shape as printed during the application of the reinforcing resin but deforms when a load is applied when the electronic components are mounted.

8. (Previously Presented) The electronic component mounting method according to claim 7, while restricting the fluidity of the solder paste, the solder paste is dried so as to volatilize the solvent or the like in the solder paste.

9. (Previously Presented) The electronic component mounting method according to claim 8, wherein the solder paste covering a substantially entire area on the circuit substrate or covering a specified area is selectively dried.

10. (Previously Presented) The electronic component mounting method according to claim 8, wherein drying is carried out using any of hot air, a heater, microwave, and light or using vacuum drying method.

11. (Previously Presented) The electronic component mounting method according to claim 6, wherein the reinforcing resin is applied on a substantially entire area of the circuit substrate or on a specified area selectively.

12. (Previously Presented) The electronic component mounting method according to claim 6, wherein the reinforcing resin is a resin material having a flux effect.

13. (Previously Presented) The electronic component mounting method according to claim 6, wherein the reinforcing resin is used that has an effect of bonding the electronic components to the circuit substrate.

14. (Previously Presented) The electronic component mounting method according to claim 6, wherein the mounted electronic components are retained by deformation of the solder paste that deforms by a mounting load and by adhesive power of the reinforcing resin.

15-19. (Cancelled)

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